



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q96763

Hiroaki HAYASHI, et al.

Appln. No.: 10/590,661

Group Art Unit: 1632

Confirmation No.: 2141

Examiner: Not yet assigned

Filed: August 25, 2006

For: TRITERPENE HYDROXYLASE

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.97 and 1.98**

MAIL STOP AMENDMENT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith, except for the following: U.S. patents and/or U.S. patent publications; and co-pending non-provisional U.S. applications filed after June 30, 2003.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after

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U.S. Appln. No.: 10/590,661

filings a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant submits the following explanations:

JP-A-61-037749:

An English Abstract is enclosed with the above document.

JP-A-10-234396:

An English Abstract is enclosed with the above document.

Article - Isao Kitagawa et al., “Characterization of Saponin Constituents in Soybeans of Various Origins and Quantitative Analysis of Soyasaponins by Gas-Liquid Chromatography”: An English Abstract is on the first page.

Article - Koichi Kimura et al. “Components of Sophora japonica L. II. On the Structure of Sophoradiol”: An English Abstract is on the first page.

Also, each of the cited documents, including the four mentioned above, are discussed in the Background section of the specification at pages 1-3.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

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U.S. Appln. No.: 10/590,661

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,



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WASHINGTON OFFICE
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Date: December 15, 2006

Substitute for Form 1449 A & B/PTO

Complete if Known

Application Number	10/590,661
Confirmation Number	2141
Filing Date	August 25, 2006
First Named Inventor	Hiroaki HAYASHI
Art Unit	1632
Examiner Name	Not yet assigned

DEC 15 2006

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

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Attorney Docket Number Q96763

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
		US			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
		JP	61-37749	A	02/22/1986		Patent Abstracts of Japan
		JP	10-234396	A	09/08/1998		Patent Abstracts of Japan

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶
		Isao Kitagawa et al., "Saponin and Sapogenol. XIII. ¹ Structures of Three Soybean Saponins: Soyasaponin I, Soyasaponin II, and Soyasaponin III" (1976), Chem. Pharm. Bull., Vol. 24, pp. 121-129	
		Isao Kitagawa et al., "REVISED STRUCTURES OF SOYASAPOPENOLS A, B, AND E, OLEANENE-SAPOPENOLS FROM SOYBEAN. STRUCTURES OF SOYASAPONINS I, II, AND III (1982), Chem. Pharm. Bull., Vol. 30, pp. 2294-2297"	
		Kazue Sasaki et al., "SYNTHESIS AND HEPATOPROTECTIVE EFFECTS OF SOYASAPOPENOL B DERIVATIVES" (1997), Bioorg. Med. Chem. Lett., Vol. 7, No. 1, pp. 85-88	
		Isao Kitagawa et al., "Characterization of Saponin Constituents in Soybeans of Various Origins and Quantitative Analysis of Soyasaponins by Gas-Liquid Chromatography" (1984). Yakugaku Zasshi, Vol. 104, pp. 162-168	Abstract
		Koichi Kimura et al., "Components of Sophora japonica L. II. On the Structure of Sophoradiol." (1958), Yakugaku Zasshi, Vol. 78, pp. 1090-1094	Abstract

Examiner Signature	Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or follow the hyperlink from the title of the document to the intranet. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to indicate here if English language Translation is attached.